(19) Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) **EP 4 212 797 A8**

(12) **CORRECTED EUROPEAN PATENT APPLICATION**
published in accordance with Art. 153(4) EPC

(15) Correction information:
Corrected version no 1 (W1 A1)
Corrections, see
Bibliography INID code(s) 71

(48) Corrigendum issued on:
30.08.2023 Bulletin 2023/35

(43) Date of publication:
19.07.2023 Bulletin 2023/29

(21) Application number: **21866338.3**

(22) Date of filing: **29.06.2021**

(51) International Patent Classification (IPC):
F25B 41/24 *(2021.01)* ***F25B 41/26*** *(2021.01)*
F25B 41/35 *(2021.01)* ***F25B 41/40*** *(2021.01)*

(52) Cooperative Patent Classification (CPC):
F25B 41/40; F25B 13/00; F25B 41/20;
F25B 2400/13; F25B 2500/18; Y02B 30/70

(86) International application number:
PCT/JP2021/024483

(87) International publication number:
WO 2022/054377 (17.03.2022 Gazette 2022/11)

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
Designated Extension States:
BA ME
Designated Validation States:
KH MA MD TN

(30) Priority: **11.09.2020 JP 2020152922**

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(54) **REFRIGERANT PIPING UNIT AND REFRIGERATING APPARATUS**

(57) A refrigerant pipe unit includes a first plate (51, 71), a second plate (52, 72) stacked on the first plate (51, 71), and a control valve (15, 21, 22, 17, 62, 63, 64). One of or both the first plate (51, 71) and the second plate (52, 72) includes or include a refrigerant flow path. The control valve (15, 21, 22, 17, 62, 63, 64) includes a valve body (43, 44, 77, 88, 91) that includes a refrigerant passage (43a, 44a, 77a, 88a, 91a) communicating with the refrigerant flow path, is rotatably disposed in the first plate (51, 71), and is configured to change a flow of a refrigerant at the refrigerant flow path, in accordance with an amount of rotation, and a driver (45, 78) that is configured to adjust the amount of rotation of the valve body (43, 44, 77, 88, 91).

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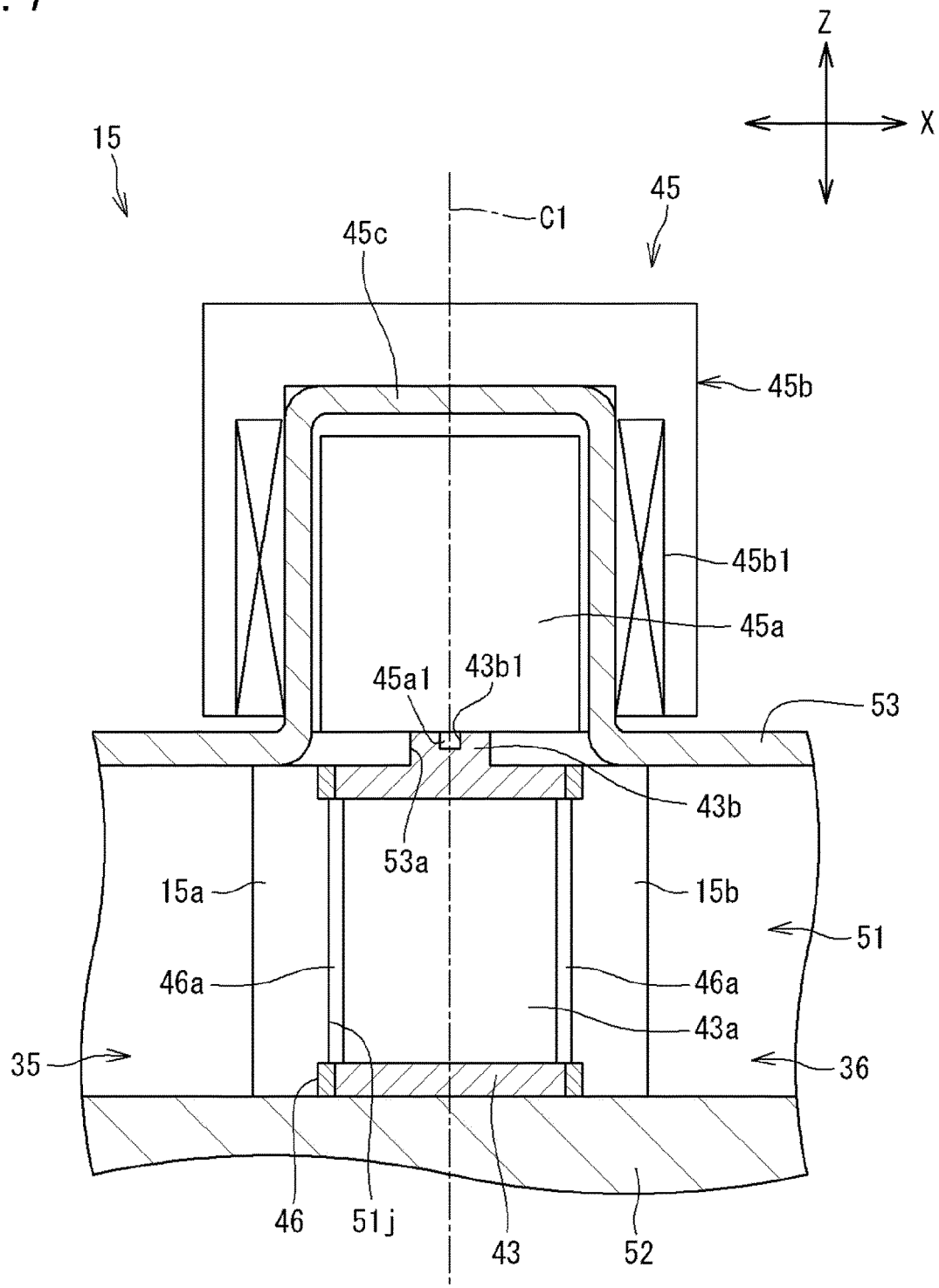
FIG. 7


Z
X
15
45
C1
45c
45b
45b1
45a
45a1
43b1
53
43b
53a
15a
15b
51
46a
46a
43a
35
36
46
51j
43
52